Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT - " for such proposals

5. Lease Designation and Serial No.
NM-012202

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
Bolack E 1M

2. Name of Operator
Amoco Production Company

Attention:
Pat Archuleta, Room 1205C

9. API Well No.
3004529251

3. Address and Telephone No.
P.O. Box 800, Denver, Colorado 80201

(303) 830-5217

10. Field and Pool, or Exploratory Area
Basin Dakota/Blanco Mesaverde

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1590' FSL 1090'FEL Sec. 33 T 28N R 8W Unit I

11. County or Parish, State
San Juan New Mexico

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
☒ Notice of Intent	☐ Abandonment	☐ Change of Plans
☐ Subsequent Report	☐ Recompletion	☐ New Construction
☐ Final Abandonment Notice	☐ Plugging Back	☐ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut-Off
	☐ Altering Casing	☐ Conversion to Injection
	☒ Other	☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Amoco Production Company requests permission to temporarely abandon the Dakota, produce the Mesaverde as a single producer until it naturally declines and recommingle both horizons at a later date per the attached procedures.

If you have any technical questions contact Mark Rothenberg at (303) 830-5612.

RECEIVED
SEP 23 1996
OIL CON. DIV.
DIST. 3

RECEIVED
BLM
96 SEP 17 AM 10:06
070 FARMINGTON, NM

14. I hereby certify that the foregoing is true and correct
Signed Pat Archuleta Title Clerk Date 09-16-1996

(This space for Federal or State office use)

APPROVED

Approved by _____ Title _____ Date SEP 18 1996
Conditions of approval, if any:

/S/ Duane W. Spencer
DISTRICT MANAGER

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOCD

* See Instructions on Reverse Side

SJOET Well Work Procedure

Wellname: **Bolack E 1 M**
Version: #1
Date: Sept. 10, 1996
Budget: Repair
Workover Type: Clean Out / Plugback

Objectives:

1. Pull tubing and inspect condition.
2. CIBP to isolate and PB DK.
3. Land tubing at new depth and return to production.

Pertinent Information:

Location:	1590' FSL, 1090' FEL, I33-28N-8W	Horizon:	DK/MV CMGL
County:	San Juan	API #:	30-045-29251
State:	New Mexico	Engr:	Mark Rothenberg
Lease:	Federal # NM-012202	Phone:	W--(303)830-5612
Well Flac:			H--(303)841-8503
			P--(303) 553-6448

Economic Information:

APC WI:	100%
Estimated Cost:	$10,000
Prior Prod:	0 mcfd (up tbg)
Post Prod:	600 mcfd

NOTE: This well has been apparently producing sand from the MV and bridging in the annulus between the MV and DK. When this happens, we are unable to produce the MV up the tubing. Currently the MV is capable of producing 500mcfd and the DK only 50 mcfd. Because this well has only 3.5" casing, to solve the bridging problem we would need to reduce tubing size. This would then cause too severe of a pressure drop for the MV to produce at the high rates up the tubing. For this reason, we have decided to plug back the DK and allow the MV to produce on its natural decline until it stops making sand and is producing at a low enough rate to not encounter too much pressure drop up 1.5" tubing. Pressure drop calculation on this well indicate that at current conditions, there is a 340# pressure drop from the MV perforations to the surface separator. By plugging the well back and raising the tubing, there will only be a 180# pressure drop. Because of this, we may actually see the production rate increase on this well. The intention, however, is not to abandon or forget about the DK. When the MV production has dropped to below 200mcfd, another workover should follow to "re-commingle" this well. Since we do want to preserve the DK for future production, it is important not to have any liquids sitting on the formation during the extended shut in. Please keep this in mind while performing the workover.

Suggested Procedures:

1. MIRUSU. Check and record tubing, casing and bradenhead pressures.

2. Blow well down, kill well if necessary with 2% KCL.

3. Nipple down well head, nipple up and pressure test BOP's.

4. TIH with tubing and tag fill. TOH with tubing, inspect condition of tubing, report any problems to Denver and replace bad joints as needed.

5. RIH with CIBP and set at 5000'.

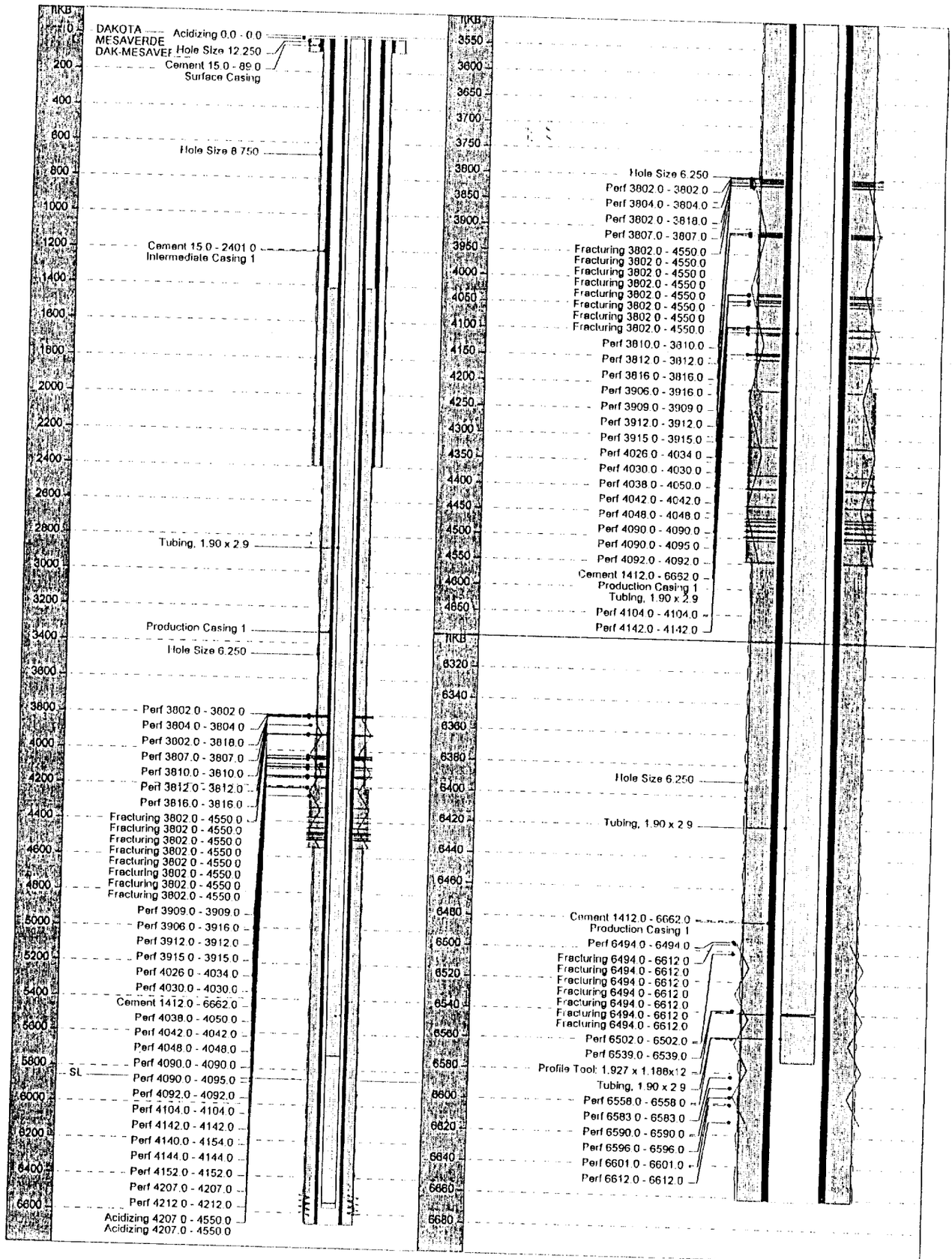
6. TIH with tubing and clean well out to new PBTD.

7. Land tubing at 4440' and return to production.

8. NDBOP, NUWD, RDMOSU.

If problems are encountered, please contact

Mark Rothenberg
(W) 830-5612
(H) 841-8503
(P) 553-6448


DAKOTA
MESAVERDE
DAK-MESAVEF
Acidizing 0.0 - 0.0
Hole Size 12.250
Cement 15.0 - 89.0
Surface Casing
Hole Size 8.750
Cement 15.0 - 2401.0
Intermediate Casing 1
Tubing, 1.90 x 2.9
Production Casing 1
Hole Size 6.250
Perf 3802.0 - 3802.0
Perf 3804.0 - 3804.0
Perf 3802.0 - 3818.0
Perf 3807.0 - 3807.0
Perf 3810.0 - 3810.0
Perf 3812.0 - 3812.0
Perf 3816.0 - 3816.0
Fracturing 3802.0 - 4550.0
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Perf 3909.0 - 3909.0
Perf 3906.0 - 3916.0
Perf 3912.0 - 3912.0
Perf 3915.0 - 3915.0
Perf 4026.0 - 4034.0
Perf 4030.0 - 4030.0
Cement 1412.0 - 6662.0
Perf 4038.0 - 4050.0
Perf 4042.0 - 4042.0
Perf 4048.0 - 4048.0
Perf 4090.0 - 4090.0
SL
Perf 4090.0 - 4095.0
Perf 4092.0 - 4092.0
Perf 4104.0 - 4104.0
Perf 4142.0 - 4142.0
Perf 4140.0 - 4154.0
Perf 4144.0 - 4144.0
Perf 4152.0 - 4152.0
Perf 4207.0 - 4207.0
Perf 4212.0 - 4212.0
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Perf 4038.0 - 4050.0
Perf 4042.0 - 4042.0
Perf 4048.0 - 4048.0
Perf 4090.0 - 4090.0
Perf 4090.0 - 4095.0
Perf 4092.0 - 4092.0
Cement 1412.0 - 6662.0
Production Casing 1
Tubing, 1.90 x 2.9
Perf 4104.0 - 4104.0
Perf 4142.0 - 4142.0
Hole Size 6.250
Tubing, 1.90 x 2.9
Cement 1412.0 - 6662.0
Production Casing 1
Perf 6494.0 - 6494.0
Fracturing 6494.0 - 6612.0
Fracturing 6494.0 - 6612.0
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Fracturing 6494.0 - 6612.0
Fracturing 6494.0 - 6612.0
Fracturing 6494.0 - 6612.0
Perf 6502.0 - 6502.0
Perf 6539.0 - 6539.0
Profile Tool: 1.927 x 1.188x12
Tubing, 1.90 x 2.9
Perf 6558.0 - 6558.0
Perf 6583.0 - 6583.0
Perf 6590.0 - 6590.0
Perf 6596.0 - 6596.0
Perf 6601.0 - 6601.0
Perf 6612.0 - 6612.0